

Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A system, comprising:

a holding mechanism for engaging at least one illumination device, wherein the at least one illumination device is non-incendiary, wherein the holding mechanism comprises:

a clamp for contacting the at least one illumination device,

a guide for engaging the illumination device to ensure proper orientation of the at least one illumination device,

a charging mechanism, wherein the charging mechanism comprises a circuit board coupled to the clamp, wherein the clamp forms an electrical connection between the at least one illumination device and the charging mechanism; and

a deploying mechanism for causing the at least one illumination device to exit the system.
2. (canceled)
3. (original) The system of claim 1, wherein the holding mechanism comprises one of a group consisting of:

a clamp;

a magnetic coupling mechanism;

a compliant coupling mechanism; and

a chemical adhesive.

4. (original) The system of claim 1, further comprising a locking mechanism to prevent accidental deployment of the at least one illumination device from the system.

5. (canceled)

6. (original) The system of claim 1, wherein the deploying mechanism comprises at least one solenoid, wherein the at least one solenoid extends to cause the at least one illumination device to exit the system.

7. (original) The system of claim 1, wherein the deployment mechanism consists of one of a group comprising:

a gravity-fed door;

a gate release mechanism;

a corkscrew mechanism;

an explosive;

a chemical reaction;

magnetic or electromagnetic force;

pneumatics;

fluidics;

an electric motor;

an internal combustion engine; and

at least one solenoid.

8. (original) The system of claim 1, further comprising a housing, wherein the

holding mechanism resides within the housing.

9. (original) The system of claim 8, further comprising an inner plate coupled to the housing, wherein the inner plate comprises at least one slot, wherein the at least one illumination device resides within the at least one slot when engaged with the holding mechanism.

10. (currently amended) A system, comprising: The system of claim 1,
a holding mechanism for engaging at least one illumination device, wherein the at least
one illumination device is non-incendiary; and
a deploying mechanism for causing the at least one illumination device to exit the system,
wherein the least one illumination device comprises:

a shell comprising a plurality of sides, wherein the at least one illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides; and

at least one light-emitting device within the shell, wherein when the at least one illumination device is positioned upon a surface or attached or suspended at any of the plurality of sides of the shell, light from the at least one light-emitting device emits through ~~each~~ all of the plurality of sides of the shell.

11. (original) The system of claim 10, wherein the shell comprises a top half coupled to a bottom half.

12. (original) The system of claim 11, wherein the top half and the bottom half are symmetrical.

13. (original) The system of claim 10, wherein the shell comprises a plurality of primary ribs for providing rigidity.

14. (original) The system of claim 13, wherein the shell further comprises a plurality of secondary ribs.

15. (original) The system of claim 10, wherein the shell comprises a liquid or gel or solid material within the shell.

16. (original) The system of claim 10, wherein the shell comprises at least one hole, wherein at least one electrical contact can reside within the at least one hole.

17. (original) The system of claim 10, further comprising a circuit board within the shell, wherein the at least one light-emitting device is coupled to the circuit board.

18. (original) The system of claim 10, further comprising an energy source within the shell.

19. (original) The system of claim 18, wherein the energy source comprises one or more of the group consisting of:

a non-rechargeable power source;

a rechargeable power source;

at least one solar cell; and

an inductive power source.

20. (original) The system of claim 10, further comprising an energy source external to the shell.

21. (original) The system of claim 18, further comprising at least one contact capable of forming an electrical connection between the energy source and the holding mechanism, wherein the holding mechanism comprises a charging mechanism.

22. (original) The system of claim 21, wherein the at least one contact comprises an indentation about its circumference, wherein an o-ring can reside within the indentation.

23. (currently amended) A system, comprising: The system of claim 10, further comprising

a holding mechanism for engaging at least one illumination device, wherein the at least one illumination device is non-incendiary;

a deploying mechanism for causing the at least one illumination device to exit the system, wherein the least one illumination device comprises:

a shell comprising a plurality of sides, wherein the at least one illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides; and

at least one light-emitting device within the shell, wherein when the at least one illumination device is positioned upon a surface or attached or suspended at any of the plurality of sides of the shell, light from the at least one light-emitting device emits through all of the plurality of sides of the shell; and

a communication port for transmitting a signal from the device and for receiving a signal

from outside the at least one illumination device.

24. (original) The system of claim 23, wherein a signal programming a pattern of light emission is received by the at least one illumination device utilizing the communication port.

25. (original) The system of claim 23, wherein a signal programming the at least one illumination device in synchronization or cooperation with other illumination devices in a network is received or sent by the at least one illumination device utilizing the communication port.

26. (original) The system of claim 23, wherein the at least one illumination device receives a signal at its communication port to turn on or off.

27. (original) The system of claim 10, further comprising an outer layer residing outside of the shell.

28. (original) The system of claim 27, wherein the outer layer is coupled to the shell.

29. (original) The system of claim 27, wherein the outer layer seals the shell.

30. (original) The system of claim 27, wherein the outer layer comprises at least one window, wherein the at least one light-emitting device emits light through the at least one window.

31. (original) The system of claim 27, wherein the light from the at least one light-emitting device emits light through an optically transmissive outer layer.

32. (original) The system of claim 27, wherein the outer layer is formed by an injection mold process.

33. (original) The system of claim 10, wherein the at least one light-emitting device comprises one or more of the group consisting of:

a light-emitting diode (LED);

a laser source;

a fluorescent tube;

a strobe light;

an incandescent bulb;

a waveguide; and

a surface light emitter.

34. (original) The system of claim 1, wherein the system is utilized in traffic safety or control.

35. (original) The system of claim 1, wherein the at least one illumination device automatically turns on when disengaged from the holding mechanism.

36. (canceled)

37. (currently amended) A system, comprising: ~~The system of claim 36,~~

a holding mechanism, comprising:

a clamp for contacting at least one illumination device, and

a guide for engaging the illumination device to ensure proper orientation of the at

least one illumination device; and

a deploying mechanism, comprising:

at least one solenoid, wherein the at least one solenoid extends to cause the at

least one illumination device to exit the system, wherein the at least one illumination device

comprises:

a shell comprising a plurality of sides, wherein the at least one illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides; and

at least one light-emitting device within the shell, wherein when the at least one illumination device is positioned upon a surface or attached or suspended at any of the plurality of sides of the shell, light from the at least one light-emitting device emits through ~~each~~ all of the plurality of sides of the shell.

38. (currently amended) A system, comprising:

a holding mechanism for engaging at least one illumination device, the at least one illumination device comprising:

a shell comprising a plurality of sides, wherein the at least one illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides, and

at least one light-emitting device within the shell, wherein when the at least one illumination device is positioned upon a surface or attached or suspended at any of the plurality

of sides of the shell, light from the at least one light-emitting device emits through ~~each~~ all of the plurality of sides of the shell; and

a deploying mechanism for causing the at least one illumination device to exit the system.

39. (original) The system of claim 38, wherein the holding mechanism comprises:

a clamp for contacting the at least one illumination device; and

a guide for engaging the illumination device to ensure proper orientation of the illumination device.

40. (original) The system of claim 38, wherein the holding mechanism comprises one of a group consisting of:

a clamp;

a magnetic coupling mechanism;

a compliant coupling mechanism; and

a chemical adhesive.

41. (original) The system of claim 38, further comprising a locking mechanism to prevent accidental deployment of the at least one illumination device from the system.

42. (currently amended) A system, comprising: The system of claim 39,

a holding mechanism for engaging at least one illumination device, the at least one illumination device comprising:

a shell comprising a plurality of sides, wherein the at least one illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides, and

at least one light-emitting device within the shell, wherein when the at least one illumination device is positioned upon a surface or attached or suspended at any of the plurality of sides of the shell, light from the at least one light-emitting device emits through each of the plurality of sides of the shell; and

a deploying mechanism for causing the at least one illumination device to exit the system,

wherein the holding mechanism ~~further~~ comprises:

a clamp for contacting the at least one illumination device;

a guide for engaging the illumination device to ensure proper orientation of the illumination device; and

a charging mechanism, wherein the charging mechanism comprises a circuit board coupled to the clamp, wherein the clamp forms an electrical connection between the at least one illumination device and the charging mechanism.

43. (original) The system of claim 38, wherein the deploying mechanism comprises at least one solenoid, wherein the at least one solenoid extends to cause the at least one illumination device to exit the system.

44. (original) The system of claim 38, wherein the deployment mechanism consists of one of a group comprising:

a gravity-fed door;

a gate release mechanism;

a corkscrew mechanism;

an explosive;

a chemical reaction;

magnetic or electromagnetic force;

pneumatics;

fluidics;

an electric motor;

an internal combustion engine; and

at least one solenoid.

45. (currently amended) A system, comprising:

a first deployment system, comprising:

a first holding mechanism for engaging at least a first illumination device, wherein the first illumination device is non-incendiary, wherein the first holding mechanism comprises:

a clamp for contacting the first illumination device;

a guide for engaging the first illumination device to ensure proper orientation of the first illumination device; and

a charging mechanism, wherein the charging mechanism comprises a circuit board coupled to the clamp, wherein the clamp forms an electrical connection between the first illumination device and the charging mechanism; and

a first deploying mechanism for causing the first illumination device to exit the first deployment system; and

a second deployment system, comprising:

a second holding mechanism for engaging at least a second illumination device, wherein the second illumination device is non-incendiary, and

a second deploying mechanism for causing the second illumination device to exit the second deployment system.

46. (canceled)

47. (original) The system of claim 45, wherein the second holding mechanism comprises:

a clamp for contacting the second illumination device; and

a guide for engaging the second illumination device to ensure proper orientation of the second illumination device.

48. (original) The system of claim 45, wherein the first holding mechanism comprises one of a group consisting of:

a clamp;

a magnetic coupling mechanism; and

a chemical adhesive.

49. (original) The system of claim 45, wherein the second holding mechanism comprises one of a group consisting of:

a clamp;

a magnetic coupling mechanism;

a compliant coupling mechanism; and

a chemical adhesive.

50. (canceled)

51. (currently amended) A system, comprising: The system of claim 46,
a first deployment system, comprising:
a first holding mechanism for engaging at least a first illumination device, wherein
the first illumination device is non-incendiary; and
a first deploying mechanism for causing the first illumination device to exit the
first deployment system; and
a second deployment system, comprising:
a second holding mechanism for engaging at least a second illumination device,
wherein the second illumination device is non-incendiary, wherein the second holding
mechanism comprises,
a clamp for contacting the first illumination device;
a guide for engaging the first illumination device to ensure proper
orientation of the first illumination device; and
~~wherein the second holding mechanism further comprises a charging~~
mechanism, wherein the charging mechanism comprises a circuit board coupled to the clamp,
wherein the clamp forms an electrical connection between the second illumination device and the
charging mechanism; and.
a second deploying mechanism for causing the second illumination device to exit
the second deployment system.

52. (original) The system of claim 45, wherein the first deployment system comprises
at least one solenoid, wherein the at least one solenoid extends to cause the first illumination
device to exit the first deployment system.

53. (original) The system of claim 45, wherein the first deployment mechanism consists of one of a group comprising:

- a gravity-fed door;
- a gate release mechanism;
- a corkscrew mechanism;
- an explosive;
- a chemical reaction;
- magnetic or electromagnetic force;
- pneumatics;
- fluidics;
- an electric motor;
- an internal combustion engine; and
- at least one solenoid.

54. (original) The system of claim 45, wherein the second deployment system comprises at least one solenoid, wherein the at least one solenoid extends to cause the second illumination device to exit the second deployment system.

55. (original) The system of claim 45, wherein the second deployment mechanism consists of one of a group comprising:

- a gravity-fed door;
- a gate release mechanism;
- a corkscrew mechanism;
- an explosive;

a chemical reaction;
magnetic or electromagnetic force;
pneumatics;
fluidics;
an electric motor;
an internal combustion engine; and
at least one solenoid.

56. (currently amended) A system, comprising: ~~The system of claim 45,~~

a first deployment system, comprising:

a first holding mechanism for engaging at least a first illumination device, wherein
the first illumination device is non-incendiary, and

a first deploying mechanism for causing the first illumination device to exit the
first deployment system,

wherein the first illumination device comprises:

a shell comprising a plurality of sides, wherein the first illumination device
can be positioned upon a surface or attached or suspended at any of the plurality of sides; and

at least one light-emitting device within the shell, wherein when the first
illumination device is positioned upon a surface or attached or suspended at any of the plurality
of sides of the shell, light from the at least one light-emitting device emits through ~~each~~ all of the
plurality of sides of the shell; and

a second deployment system, comprising:

a second holding mechanism for engaging at least a second illumination device,
wherein the second illumination device is non-incendiary, and

a second deploying mechanism for causing the second illumination device to exit the second deployment system.

57. (currently amended) A system, comprising: ~~The system of claim 45,~~
a first deployment system, comprising:
a first holding mechanism for engaging at least a first illumination device, wherein the first illumination device is non-incendiary, and
a first deploying mechanism for causing the first illumination device to exit the first deployment system; and
a second deployment system, comprising:
a second holding mechanism for engaging at least a second illumination device, wherein the second illumination device is non-incendiary, and
a second deploying mechanism for causing the second illumination device to exit the second deployment system, wherein the second illumination device comprises:
a shell comprising a plurality of sides, wherein the second illumination device can be positioned upon a surface or attached or suspended at any of the plurality of sides;
and
at least one light-emitting device within the shell, wherein when the second illumination device is positioned upon a surface or attached or suspended at any of the plurality of sides of the shell, light from the at least one light-emitting device emits through ~~each~~ all of the plurality of sides of the shell.

58. (original) The system of claim 45, further comprising an interface or automatic controller for controlling both the first and second deployment systems.